



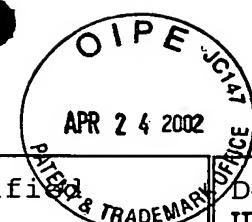
Sheet 1 of 42

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. UNGR-1629	Serial No. 10/046,801
		Applicant Evan C. Unger	
		Filing Date January 15, 2002	Group 1616 Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
①	AA	Fitzpatrick, et al., "Metal Ion Catalyzed Decarboxylation: Kinetics and Mechanism of the Oxidative Decarboxylation of Copper (II) Complexes of Aminomalonic Acid in Aqueous Solution", <i>Inorganic Chemistry</i> , Vol. 13, No. 3, pp. 568-574 (1974)	
②	AB	Thanassi, "Aminomalonic Acid: Spontaneous Decarboxylation and Reaction with 5-Deoxyribofuranose", <i>Biochemistry</i> , Vol 9, No. 3, pp. 525-532 (1970)	
③	AC	Stelmashok et al., <i>Koordinatsionnaya Khimiya</i> , Vol. 3, No. 4, pp. 524-527 (1977) (Russian and English language versions)	
④	AD	Mayhew et al., "High-Pressure Continuous-Flow System for Drug Entrapment in Liposomes", <i>Methods in Enzymology</i> , Vol. 149, pp. 64-77 (1987)	
⑤	AE	Mayhew et al., "Characterization of Liposomes Prepared Using a Microemulsifier", <i>Biochimica et Biophysica Acta</i> , Vol. 775, pp. 169-174 (1984)	
⑥	AF	Hope et al., "Production of Large Unilamellar Vesicles by a Rapid Extrusion Procedure: Characterization of Size Distribution, Trapped Volume, and Ability to Maintain a Membrane Potential", <i>Biochimica et Biophysica Acta</i> , <u>812</u> : 55-65 (1985)	
⑦	AG	Mayer et al., "Vesicles of Variable Size Produced by a Rapid Extrusion Procedure", <i>Biochimica et Biophysica Acta</i> , Vol. 858, pp. 161-168 (1986)	
⑧	AH	Cheng, et al., "The Production and Evaluation of Contrast-Carrying Liposomes Made with an Automatic High Pressure System", <i>Investigative Radiology</i> , Vol. 22, pp. 47-55 (1987)	
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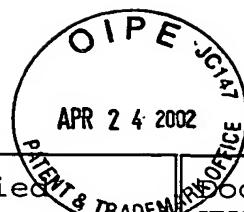


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AJ	Sigel, H., ed., Metal Ions in Biological Systems: Antibiotics and Their Complexes, Vol. 19 (Marcel Dekker, N.Y. 1985)		
AK	Nayar et al., "Generation of Large Unilamellar Vesicles From Long-chain Saturated Phosphatidylcholines by Extrusion Technique", Biochimica et Biophysica Acta, Vol. 986, pp. 200-206 (1989)		
AL	Hope et al., "Generation of Multilamellar and Unilamellar Phospholipid Vesicles", Chemistry and Physics of Lipids, Vol. 40, pp. 89-107 (1986)		
AM	Mattrey et al., "Perfluorochemicals as US Contrast Agents for Tumor-Imaging and Hepatosplenography: Preliminary Clinical Results", Radiology, Vol. 163, pp. 339-343 (1987)		
AN	Mattrey et al., "Perfluorooctylbromide: A Liver/Spleen-Specific and Tumor Imaging Ultrasound Contrast Material", Radiology, Vol. 145, pp. 759-762 (1982)		
AO	Keller et al., "Successful Left Ventricular Opacification Following Peripheral Venous Injection of Sonicated Contrast Agent: An Experimental Evaluation", LV Contrast Echocardiography, Vol. 114, No. 3, pp. 570-575 (1987)		
AP	Feinstein et al., "Two-Dimensional Contrast Echocardiography, I: In Vitro Development and Quantitative Analysis of Echo Contrast Agents", JACC, Vol. 3, No. 1, pp. 14-20 (1984)		
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<i>U</i>	AQ	Ten Cate et al., "Two-Dimensional Contrast Echocardiography, II: Transpulmonary Studies", JACC, Vol. 3, No. 1, pp. 21-27 (1984)	
<i>U</i>	AR	Unger et al., "Hepatic Metastases: Liposomal Gd-DTPA-enhanced MR Imaging", Radiology, Vol. 171, pp. 81-85 (1989)	
<i>U</i>	AS	Deamer et al., "Permeability of Lipid Bilayers to Water and Ionic Solutes", Chemistry and Physics of Lipids, Vol. 40, pp. 167-188 (1986)	
<i>U</i>	AT	Gutknecht et al., "Diffusion of Carbon Dioxide Through Lipid Bilayer Membranes: Effect of Carbonic Anhydrase, Bicarbonate, and Unstirred Layers", Chemical Abstracts, 87:34772q (1977)	
<i>U</i>	AU	Scarpa et al., "Cation Permeability of Liposomes as a Function of the Chemical Composition of the Lipid Bilayers", Biochimica et Biophysica Acta, Vol. 241, pp. 789-797 (1971)	
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<i>U</i>	AX	Mann et al., "Formation of Iron Oxides in Unilamellar Vesicles", Journal of Colloid and Interface Science, Vol. 122, No. 2, pp. 326-335 (1988)	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
AY	Anderson et al., "Manganese (III) Complexes in Oxidative Decarboxylation of Acids", J. Am. Chem. Soc., Vol. 92, No.8, pp. 2450-2460 (1970)		
AZ	Muhlradt et al., "Vitamin B6 Analogs: An Improved Synthesis of 5-Deoxypyridoxal", New Compounds, Vol. 10, pp. 129-130 (1967)		
BA	Chapman D., "Physiochemical Properties of Phospholipids and Lipid Water Systems", Liposome Technology, Gregoriadis, G., ed., Vol. 1, pp. 1-19 (CRC Press, Boca Raton, FL, 1984)		
BB	Violante et al., "Particulate Suspensions as Ultrasonic Contrast Agents for Liver and Spleen", Inv. Rad., Vol. 23, pp. S294-S297, September 1988		
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BD	Brochure, Experience, Sonicator™, Heat Systems-Ultrasonics, Inc. (1987)		
BE	M. Ostro, "Liposomes", Marcel Dekker, New York, pp. 102-103 (1983)		
BF	Fukuda et al., "Polymer-Encased Vesicles Derived from Diotadecyldimethylammonium Methacrylate", J. Am. Chem. Soc., Vol. 108, pp. 2321-2327 (1986)		
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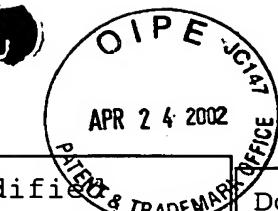


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U.S. Department of Commerce Patent and Trademark Office		Filing Date January 15, 2002	Group Not Yet Assigned
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②	BI	A.G. Belykh, Farmakol Toksikol. (MOSC), Vol. 44(3), pp. 322-326 (1981) (abstract)	
③	BJ	J. Vion-Dury et al., J. Pharmacol. Exper. Ther., Vol. 250(3), pp. 1113-1118 (1989) (abstract)	
④	BK	M.R. Zalutsky et al., Invest. Radiol., Vol. 22(2), pp. 141-147 (1987) (abstract)	
⑤	BL	Crowe et al., Archives of Biochemistry and Biophysics, Vol. 242, pp. 240-247 (1985)	
⑥	BM	Crowe et al., Archives of Biochemistry and Biophysics, Vol. 220, pp. 477-484 (1983)	
⑦	BN	Dorland's Illustrated Medical Dictionary, p. 946, 27th ed. (W.B. Saunders Company, Philadelphia 1988)	
⑧	BO	Liposome Technology, Gregoriadis, G., ed., Vol. I, pp. 1-18, 29-35, 51-65 and 79-107 (CRC Press Inc., Boca Raton, FL, (1984)	
⑨	BP	Madden et al., Chemistry and Physics of Lipids, Vol. 53, pp. 37-46 (1990)	
⑩	BQ	Sinkula et al., J. Pharm. Sci., Vol. 64, pp. 181-210 (1975)	
⑪	BR	Shiina et al., "Hyperthermia by Low-frequency Synthesized Ultrasound", IEEE Engineering, pp. 879-880, Vol. 2 (1988) (abstract)	
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u	BS	McAvoy et al., IEEE Engineering, Ultrasonics Symposium Proceedings, Vol. 2, pp. 677-1248 (1989) (abstract)
e	BT	Chapman et al., "Biomembrane Phase Transitions", J. Biol. Chem., 1974, 249:2512-2521
Q	BU	Hug et al., "Liposomes for the Transformation of Eukaryotic Cells", Biochimica et Biophysica Acta, 1991,
Q	BV	Marsh, CRC Handbook of Lipid Bilayers (CRC Press, Boca Raton, FL 1990) pp. 139-141
u	BW	Szoka et al., "Procedure for Preparation of Liposomes With Large Internal Aqueous Space...", Proc. Natl.
h	BX	Acoustic Imaging; AI5200; Convex Curved Linear Array Ultrasound Transducers Operator's Manual, November 20,
Q	BY	Bangham et al., "Diffusion of Univalent Ions across the Lamellae of Swollen Phospholipids", J. Mol. Biol.,
Q	BZ	Carson et al., Ultrasound in Med. & Biol. 3, 1978, 341-350
o	CA	Kost et al., Polymers in Medicine II: Biomedical and Pharmaceutical Applications, "Ultrasonic Modulated Drug Delivery Systems", Chiellini et al., ed., (Plenum Press, New York and
e	CB	deGier et al., "Relations Between Liposomes and Biomembranes", Annals of The New York Academy of Sciences, 1978, 308:85-99
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		Applicant Evan C. Unger	
		Filing Date January 15, 2002	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
18	CC	Felgner et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure", Proc. Natl. Acad. Sci., 1987, 84:7413-7417	
21	CD	Gabizon et al., "Liposome formulations with prolonged circulation time in blood and enhanced uptake by tumors", Proc. Natl. Acad. Sci., 1988, 85:6949-6953	
26	CE	Garelli, et al., Biochimica et Biophysica Acta, Vol. 1127:41-48 (1992)	
④	CF	Kawai et al., "New Procedure for DNA Transfection with Polycation and Dimethyl Sulfoxide", Molecular and Cellular Biology, 1984, 4:1172-1174	
①	CG	Kuo et al., "Metallocene Antitumor Agents. Solution and Solid-State Molybdenocene Coordination...", J. Am. Chem. Soc., 1991, 113:9027-9045	
②	CH	Mammalian Cell Biotechnology: A Practical Approach, M. Butler, 1991 (Oxford University Press, New York), p. 57-70	
⑥	CI	Mathiowitz et al., "Photochemical Rupture of Microcapsules: A Model System", Journal of Applied Polymer Science, 1981, 26:809-822	
⑦	CJ	May et al., "Cationic Liposomes Enable Bovine Herpesvirus Type 2 DNA to Infect Cells", Acta virol., 1991, 35:107	
2	CK	Poznansky et al., "Biologica Approaches to the Controlled Delivery of Drugs: A Critical Review", Pharmacol. Rev., 1984, 36:277-336	
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2	CM	Simons et al., "Antisense c-myb oligonucleotides inhibit intimal arterial smooth muscle cell accumulation in vivo", Nature, 1992, 359:67-70	
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4	CO	Trubetskoy et al. "Cationic liposomes enhance targeted delivery and expression of exogenous DNA...", Biochimica et Biophysica Acta 1992, 131:311-313	
5	CP	Umemura et al., "Studies on Sonodynamic Cancer Therapy", IEEE, 1992, O-7803-0785, pp. 354-355	
6	CQ	Williams, "Human Gene Therapy: Searching for Better Vectors", ASM News [American Society for Microbiology] 1992, 58:67-69	
7	CR	Woodle et al., "Versatility in lipid compositions showing prolonged circulation...", Biochimica et Biophysica Acta 1992, 1105:193-200	
8	CS	Zhou et al., "Targeted delivery of DNA by liposomes and polymers", J. of Controlled Release 1992, 19:269-274	
9	CT	Mathiowitz et al., "Polyanhydride Microspheres as Drug Carriers", Journal of Applied Polymer Science, Vol. 35, pp. 755-774 (1988)	
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List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Evan C. Unger	
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Q	CU	Sankaram et al., "Cholesterol-Induced Fluid-Phase Immiscibility in Membranes", Proc. Natl. Acad. Sci., Vol. 88, pp. 8686-8690 (1991)
Q	CV	Scientific Apparatus Catalog 92/93 (VWR Scientific, 1991), "Syringes", pp. 1511-1513; "Filtration, Syringe Filters", pp. 766-768; "Filtration, Membranes", pp. 750-753; "Filtration, Filter Holders", p. 744
Q	CW	Gramiak et al., Radiology, "Detection of Intracardiac Blood Flow by Pulsed Echo-Ranging", pp. 415-418 (1971).
Q	CX	Feigenbaum et al., Circulation, "Identification of Ultrasound Echoes from the Left Ventricle by Use of Intracardiac Injections of Indocyanine Green", Vol. XL1, pp. 615-621 (1970)
Q	CY	Santaella, et al., FEBS 13463, "Extended In Vivo Blood Circulation Time of Fluorinated Liposomes", Vol. 336, No. 3, pp. 481-484 (1993)
Q	CZ	Brown and Langer, Annual Review Medicine, 1988, 39:221 29, Annual Review, Inc., "Transdermal Delivery of Drugs", pp. 221-229
Q	DA	Moseley, et al., Microbubbles: A Novel MR Susceptibility Contrast Agent, abstract, 1991 Napa, California Meeting of the Society for Magnetic Resonance in Medicine
Q	DB	Ter-Pogossia Tomography, Kee, et al., n, "Physical Principles and Instrumentation", Computed Body eds., Raven Press, New York, Chapter 1, pp. 1-7 (1988)

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List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		SEARCH No. UNGR-1629	10/046,801
U.S. Department of Commerce Patent and Trademark Office		Applicant Evan C. Unger	
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(A)	DC	Aronberg, "Techniques", Computed Body Tomography, Kee, et al., eds., Raven Press, New York, Chapter 2, pp. 9-36 (1988)
(Q)	DD	Miller, Ultrasonics (September 1981), "Ultrasonic detection of resonant cavitation bubbles in a flow tube by their second-harmonic emissions," pp. 217-224
(Q)	DE	Dittrich, "Cardiac Muscle Ischemia and Infarction", The Second Annual International Symposium on Contrast Agents in Diagnostic Ultrasound, Atlantic City, NJ (May 7, 1996) (abstract)
(Q)	DF	Pantely, "Intravenous Contrast Echocardiography-Tissue Imaging & Quantification of Coronary Blood Flow", The Second Annual International Symposium on Contrast Agents in Diagnostic Ultrasound, Atlantic City, NJ (May 7, 1996) (abstract)
(J)	DG	Schutt et al., "Osmotically Stabilized Microbubble Sonographic Contrast Agents", Acad. Radiol., Vol. 3, Suppl. 2, pp. S188-S190 (August 1996)
(Q)	DH	Frézard, et al., "Permeability and stability in buffer and in human serum of fluorinated phospholipid-based liposomes", Biochimica et Biophysica Acta, 1192, pp. 61-70 (1994)
(Q)	DI	Frézard, et al., "Fluorinated Phospholipid-Based Vesicles as Potential Drug Carriers: Encapsulation/Sustaining of Drugs and Stability in Human Serum", Art, Cells, Blood Subs., and Immob. Biotech., 22(4), pp. 1403-1408 (1994)
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(Q)	DK	Chang, "Semipermeable Microcapsules", Science, 1964, 146, 524-525
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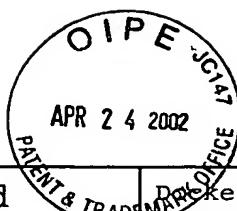
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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office			Docket No. UNGR-1629	Serial No. 10/046,801
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DL	Deasy, <u>Microencapsulation and Related Drug Processes</u> , 1983, Vol. 20, Chs. 9 and 10, 195-240 (Marcel Dekker, Inc., NY)			
DM	Yeung et al., "Preparation of Microencapsulated Liposomes", <u>J. Microencapsulation</u> , 1988, 5, 331-337			
DN	Mattrey et al., <u>Gas Emulsions as Ultrasound Contrast Agents; Preliminary Results in Rabbits and Dogs</u> , <u>Investigative Radiology</u> , Vol. 29, June Supp. 2, pp. S139-S141, 1994			
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DP	PR Newswire, April 1, 1986			
DQ	Swanson et al., Chapter 22, "Enhancement Agents for Ultrasound: Fundamentals", <u>Pharmaceuticals In Medical Imaging</u> , pp. 682-687 (1990)			
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DS	Jacobs, "Intraocular gas measurement using A-scan ultrasound", <u>Current Eye Research</u> , Vol. 5, No. 8, pp. 575-578 (1986)			
DT	Lincoff et al., "Intravitreal Expansion of Perfluorocarbon Bubbles", <u>Arch. Ophthalmol.</u> , 1980, 98, 1646			
DU	Lincoff et al., "Intravitreal Longevity of Three Perfluorocarbon Gases", <u>Arch. Ophthalmol.</u> , 1980, 98, 1610-1611			
DV	Lincoff et al., "The Perfluorocarbon Gases in the Treatment of Retinal Detachment", <u>Ophthalmology</u> , 1983, 90(5), 546-551			
DW	Gardner et al., "A Survey of Intraocular Gas Use in North America", <u>Arch. Ophthalmol.</u> , 1988, 106, 1188-1189			
DX	Unger et al., "Liposomal MR Contrast Agents", <u>J. Liposome Research</u> , 1994, 4(2), 811-834			
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<i>C</i>	DZ	Keller et al., "The Behavior of Sonicated Albumin Microbubbles Within the Microcirculation: A Basis for Their Use During Myocardial Contrast Echocardiography", Circulation Res., 65(2):458-465 (1989)	
<i>L</i>	EA	Lincoff et al., "Perfluoro-n-butane: A Gas for Maximum Duration Retinal Tamponade," Arch Ophthalmology, 101:460-462 (1983)	
<i>D</i>	EB	Remington's Pharmaceutical Sciences, John Hoover, managing ed., Mack Publishing Company, Easton, PA, pp. 295-298; 736; 1242-1244 (1975)	
<i>P</i>	EC	Handbook of Pharmaceutical Excipients, American Pharmaceutical Association, Washington, D.C. and The Pharmaceutical Society of Great Britain, London, England, pp. 181-183 (1986)	
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<i>b</i>	EF	Miller et al., "Physiochemical Approaches to the Mode of Action of General Anesthetics," J. Amer. Soc. Anesthesiologists, 36(4):339-351 (1972)	
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<i>C</i>	EH	"Freon' Fluorocarbons: Properties and Applications" in DuPont Technical Bulletin G-1 (E.I. DuPont de Nemours and Company, Wilmington, DE), pp. 1-10 (1987)	
<i>C</i>	EI	"Encyclopedia of Polymer Science and Engineering," John Wiley & Sons, New York, 1:164-169 (1985)	
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<i>Q</i>	EK	Wheatley et al., "Contrast Agents for Diagnostic Ultrasound: Development and Evaluation of Polymer-Coated Microbubbles," Biomaterials, 11:713-717 (1990)	
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<i>Q</i>	EM	Al-Muhammad et al., "Studies on the formulation and in vivo release of ophthalmic liposomes containing dexamethasone sodium phosphate", J. Microencapsulation, 1996, 13(2), 123-130	
<i>A</i>	EN	Allcock, H.R., "Covalent Linkage of Proteins to Surface-Modified Poly(organophosphazenes): Immobilization of Glucose-6-Phosphate Dehydrogenase and Trypsin", Macromolecules, 1986, 19, 1502-1508	
<i>Q</i>	EO	Allcock, H.R., "Schiff Base Coupling of Cyclic and High-Polymeric Phosphazenes to Aldehydes and Amines: Chemotherapeutic Models", Macromolecules, 1981, 14, 1616-1622	
<i>Q</i>	EP	Bloemberger, N., "Proton Relaxation Times in Paramagnetic Solutions", J. Chem. Phys., 1957, 27(2), 572-573 and 595-596	
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<i>Q</i>	ER	Cesano et al., "Treatment of experimental glioblastoma with a human major histocompatibility complex nonrestricted cytotoxic T cell line", Cancer Res., 1995, 55(1), 96-101 (Abstract Only)	
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e	EX	Fedorak et al., "A novel colon-specific steroid prodrug enhances sodium chloride absorption in rat colitis", Am. J. Physiol., 1995, 269, G210-218		
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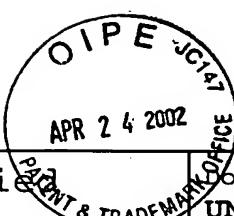


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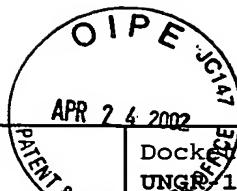
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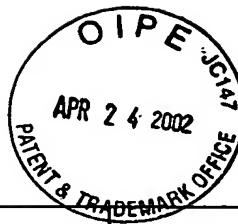
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R	HS	4,344,929	8/17/82	Bonsen et al.	424	15
L	HT	4,466,442	8/21/84	Hilmann et al.	128	653
C	HU	4,533,254	8/6/85	Cook et al.	366	176
O	HV	4,572,203	2/25/86	Feinstein	128	661
R	HW	4,603,044	7/29/86	Geho et al.	424	9
A	HX	4,675,310	6/23/87	Chapman et al.	514	6
Y	HY	4,718,433	1/12/88	Feinstein	128	660
E	HZ	4,728,575	3/1/88	Gamble et al.	428	402.2
Q	IA	4,728,578	3/1/88	Higgins et al.	428	462

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A	IC	2193095A	2/3/88	Great Britain	X	
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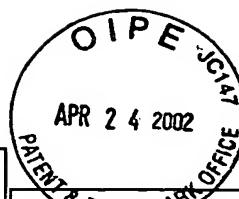
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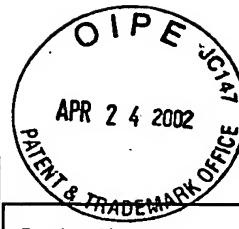
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Examiner		Document	Date	Name	Class	Subclass
<i>J</i>	JJ	4,893,624	1/16/90	Lele	128	399
<i>G</i>	JK	4,689,986	9/1/87	Carson et al.	73	19
<i>W</i>	JL	4,657,756	4/14/87	Rasor et al.	424	9
<i>Cs</i>	JM	4,781,871	11/1/88	West III et al.	264	4.3
<i>Al</i>	JN	4,957,656	9/18/90	Cerny et al.	252	311
<i>e</i>	JO	4,830,858	5/16/89	Payne et al.	424	450
<i>o</i>	JP	4,684,479	8/4/87	D'Arrigo	252	307
<i>D</i>	JQ	5,215,680	6/1/93	D'Arrigo	252	307
<i>W</i>	JR	5,171,755	12/15/92	Kaufman	514	759
<i>o</i>	JS	4,898,734	2/6/90	Mathiowitz et al.	424	426

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
<i>J</i>	JT	WO 93/05819	1/4/93	PCT	X	
<i>J</i>	JU	WO 93/06869	4/15/93	PCT	X	
<i>J</i>	JV	WO 93/20802	10/28/93	PCT	X	
<i>W</i>	J W	SHO 63-60943	3/17/88	Japan	X	
<i>J</i>	JX	0 554 213 A1	8/4/93	EPO	X	
EXAMINER	<i>4/12/02</i>		DATE CONSIDERED	<i>9/03</i>		



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 List of Patents and Publications
 Cited by Applicant
 (Use several sheets if necessary)

Docket :UNGR-1629 | Serial No.10/046,801

Applicant : Evan C. Unger

Filing Date :01/15/02 | Group : None

U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
<i>Y</i>	JY	4,776,991	10/11/88	Farmer et al.	264	4.3
<i>Q</i>	JZ	5,088,499	02/18/92	Unger	128	662.2
<i>eo</i>	KA	5,194,266	03/16/93	Abra et al.	424	450
<i>lo</i>	KB	5,198,225	03/30/93	Meybeck et al.	424	450
<i>D</i>	KC	4,927,623	5/22/90	Long, Jr.	424	5
<i>rl</i>	KD	4,442,843	4/17/84	Rasor et al.	128	660
<i>D</i>	KE	4,681,119	7/21/87	Rasor et al.	128	660
<i>lo</i>	KF	5,049,388	9/17/91	Knight et al.	424	450
<i>o</i>	KG	4,315,514	2/16/82	Drewes et al.	128	653
<i>o</i>	KH	4,569,836	2/11/86	Gordon	424	1/1

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
<i>g</i>	KI	0 314 764 B1	9/9/92	EPO	X	
<i>D</i>	KJ	0 458 745 A1	11/27/91	EPO	X	
<i>o</i>	KK	0 216 730	1/23/91	EPO	X	
<i>o</i>	KL	WO 93/13809	7/22/93	PCT	X	

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Examiner		Document No.	Date	Name	Class	Subclass
W	KM	4,426,330	1/17/84	Sears	260	403
W	KN	4,534,899	8/13/85	Sears	260	403
W	KO	5,271,928	12/21/93	Schneider et al.	424	9
W	KP	4,229,360	10/21/80	Schneider et al.	260	403
W	KQ	B1 4,229,360	11/5/91	Schneider et al.	260	403
W	KR	4,089,801	5/16/78	Schneider	252	316
W	KS	4,224,179	9/23/80	Schneider	252	316
W	KT	4,987,154	1/22/91	Long, Jr.	514	772
W	KU	5,219,538	6/15/93	Henderson et al.	428	402.2
W	KV	5,316,771	5/31/94	Barenholz et al.	424	450

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
W	KW	WO 92/10166	6/25/92	PCT	X	
W	KX	0 324 938	7/26/89	EPO	X	
W	KY	0 231 091	8/5/87	EPO	X	

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		Filing Date: 01/15/02	Group: None

U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
10	KZ	5,195,520	3/23/93	Schlief et al.	128	660.02
0	LA	3,873,564	3/25/75	Schneider et al.	260	309.6
0	LB	5,045,304	9/3/91	Schneider et al.	424	9
0	LC	4,877,561	10/31/89	Iga et al.	264	4.3
0	LD	5,213,804	5/25/93	Martin et al.	424	450
0	LE	4,895,719	1/23/90	Radhakrishnan	424	45
0	LF	5,008,050	4/16/91	Cullis et al.	264	4.3
0	LG	5,114,703	5/19/92	Wolf et al.	424	5
0	LH	5,013,556	5/7/91	Woodle et al.	424	450
0	LI	5,000,960	3/19/91	Wallach	424	450

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
1	LJ	WO 92/17212	10/15/92	PCT	X	
0	LK	WO 92/17213	10/15/92	PCT	X	
0	LL	WO 92/17436	10/15/92	PCT	X	
0	LM	WO 92/21382	10/10/92	PCT	X	
0	LN	WO 93/17718	9/16/93	PCT	X	

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Group: None

U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
<i>K</i>	LO	5,310,540	5/10/94	Giddey et al.	424	9
<i>AP</i>	LP	5,425,366	6/20/95	Reinhardt et al.	128	662.02
<i>AS</i>	LQ	4,775,522	10/4/88	Clark, Jr.	424	9
<i>D</i>	LR	4,731,239	3/15/88	Gordon	424	9
<i>Q</i>	LS	5,350,571	9/27/94	Kaufman et al.	424	9
<i>C</i>	LT	4,615,879	10/7/86	Runge et al.	424	9
<i>O</i>	LU	5,380,519	1/10/95	Schneider et al.	424	9
<i>S</i>	LV	5,393,524	2/28/95	Quay	424	9
<i>W</i>	LW	5,196,183	3/23/93	Yudelson et al.	424	9
<i>T</i>	LX	4,996,041	2/26/91	Arai et al.	424	9

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
<i>LY</i>	LY	WO 94/16739	8/4/94	PCT	x	
<i>LZ</i>	LZ	WO 95/07072	3/16/95	PCT	Partial - claims only	
<i>MA</i>	M A	EP 0 077 752 B1	3/5/86	EP	Partial - claims only	

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U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
<i>BP</i>	MB	5,147,631	9/15/92	Glajch et al.	424	9
<i>DL</i>	MC	5,186,922	2/16/93	Shell et al.	128	654
<i>DP</i>	MD	4,428,924	1/31/84	Millington	424	4
<i>Q</i>	ME	5,413,774	5/9/95	Schneider et al.	424	9.51
<i>Q</i>	MF	5,409,688	4/25/95	Quay	424	9
<i>Q</i>	MC	5,410,516	4/25/95	Uhlendorf et al.	367	7
<i>—</i>	MR	5,305,757	4/26/94	Unger et al.	128	662.02
<i>Q</i>	MI	5,334,381	8/2/94	Unger	424	9
<i>Q</i>	MJ	5,123,414	6/23/92	Unger	128	654
<i>Q</i>	MK	5,433,204	7/18/95	Olson	128	661.08

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
<i>Q</i>	ML	WO 90/04384	5/3/90	PCT	X	
<i>Q</i>	M M	WO 94/09829	5/11/94	PCT	X	
<i>Q</i>	MN	WO 94/21302	9/29/94	PCT	X	
<i>Q</i>	MO	WO 91/12823	9/5/91	PCT	X	
<i>Q</i>	MP	0 357 164 B1	10/23/91	EPO	Partial - claims only	

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U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
<i>U</i>	MQ	5,445,813	8/29/95	Schneider et al.	424	9.51
<i>Q</i>	MR	5,141,738	8/25/92	Rasor et al.	424	2
<i>Q</i>	MS	4,981,692	1/1/91	Popescu et al.	424	422
<i>Q</i>	MT	5,149,319	9/22/92	Unger	604	22
<i>Q</i>	MU	5,209,720	5/11/93	Unger	604	22
<i>Q</i>	MV	5,228,446	7/20/93	Unger et al.	128	662.02
<i>Q</i>	MW	5,230,882	7/27/93	Unger	424	9
<i>Q</i>	MX	5,352,435	10/4/94	Unger	424	9
<i>Q</i>	MY	5,190,982	3/2/93	Erbel et al.	521	56
<i>Q</i>	MZ	5,137,928	8/11/92	Erbel et al.	521	56

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
<i>U</i>	NA	0 320 433 A2	12/2/88	EPO	Abstract only	
<i>Q</i>	NB	0 467 031 A2	5/13/91	EPO	X	
<i>Q</i>	NC	0 243 947	4/29/87	EPO	X	
<i>Q</i>	ND	WO 96/04018	2/15/96	PCT	X	
<i>Q</i>	NE	WO 96/09793	4/4/96	PCT	X	

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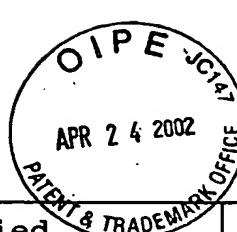
U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
le	NF	5,205,287	4/27/93	Erbel et al.	128	632
NQ	NG	5,470,582	11/28/95	Supersaxo et al.	424	489
NH	NH	5,529,766	6/25/96	Klaveness et al.	424	9.52
NI	NI	5,487,390	1/30/96	Cohen et al.	128	662.02
NJ	NJ	5,531,980	7/2/96	Schneider et al.	424	9.52
NK	NK	5,536,489	7/16/96	Lohrmann et al.	424	9.52
NL	NL	5,536,490	7/16/96	Klaveness et al.	424	9.52
NM	NM	5,315,997	5/31/94	Widder et al.	128	653.3
NN	NN	5,469,854	11/28/95	Unger et al.	128	662.02
NO	NO	5,505,932	4/9/96	Grinstaff et al.	424	9.3

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
le	NP	WO 95/06518	3/9/95	PCT	X	
Q	NQ	EP 441,468 A2	8/14/91	EPO	X	
Q	NR	EP 357,163 A1	3/7/90	EPO	X	
le	NS	EP 0 727 225 A2	8/21/96	EPO	X	
le	NT	WO 94/06477	03/31/94	PCT	X	

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<p style="text-align: center;">List of Patent and Publications Cited by Applicant (Use several sheets if necessary)</p> <p style="text-align: center;">U. S. Department of Commerce Patent and Trademark Office</p>		<p style="text-align: center;">Applicant Evan C. Unger</p>	
		Filing Date January 15, 2002	Group Not Yet Assigned

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
Q	NU	5,540,909	7/30/96	Schutt	424	9.52
Q	NV	5,496,535	3/5/96	Kirkland	424	9.37
Q	NW	5,344,930	9/6/94	Riess et al.	544	84
6	NX	5,560,364	10/1/96	Porter	128	662.02
Q	NY	5,562,893	10/08/96	Lohrmann	424	9.52
Q	NZ	5,567,413	10/22/96	Klaveness et al.	424	9.51
Q	OA	5,567,414	10/22/96	Schneider et al.	424	9.52
Q	OB	5,567,765	10/22/96	Moore et al.	524	801
Q	OC	5,552,133	09/03/96	Lambert et al.	424	9.52

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	Translation NO
Q	OD	WO 95/23615	09/08/95	PCT	X	
Q	OE	62 286534	12/87	Japan	X (Abstract Only)	
Q	OF	1,044,680	10/66	Great Britain	X	
Q	OG	WO 96/36286	11/21/96	PCT	X	
Q	OH	WO 92/11873	7/23/92	PCT	X (Abstract Only)	

EXAMINER <i>M. B. LEY</i>	DATE CONSIDERED <i>9/03</i>
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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>CO</i>	OI	3,015,128	01/02/62	Sommerville et al.	18	2.6
<i>le</i>	OJ	3,594,326	07/20/71	Himmel et al.	252	316
<i>Q</i>	OK	3,732,172	05/08/73	Herbig et al.	252	316
<i>Q</i>	OL	3,945,956	03/23/76	Garner	260	2.5B
<i>D</i>	OM	4,108,806	08/22/78	Cohrs et al.	521	54
<i>b</i>	ON	4,179,546	12/18/79	Garner et al.	521	56
<i>O</i>	OO	4,420,442	12/13/83	Sands	264	13
<i>P</i>	OP	4,421,562	12/20/83	Sands et al.	106	75
<i>Q</i>	OQ	4,540,629	09/10/85	Sands et al.	428	402
<i>B</i>	OR	4,549,892	10/29/85	Baker et al.	65	21.4

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	Translation NO
<i>Q</i>	OS	WO 90/01952	3/8/90	PCT	<input checked="" type="checkbox"/> (Abstract)	
<i>O</i>	OT	AU-B-30351/89	3/18/93	Australia	<input checked="" type="checkbox"/>	
<i>O</i>	OU	WO 93/00933	01/21/93	PCT	<input checked="" type="checkbox"/>	
<i>O</i>	OV	WO 94/28780	12/22/94	PCT	<input checked="" type="checkbox"/>	
<i>Q</i>	OW	AU 641363	03/08/90	Australia	<input checked="" type="checkbox"/>	

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
U	OX	5,019,370	05/28/91	Jay et al.	424	4
E	OY	5,205,290	04/27/93	Unger	128	653.4
O	OZ	4,822,534	04/18/89	Lencki et al.	264	4.3
J	PA	3,293,114	12/20/66	Kenaga et al.	162	168
W	PB	3,479,811	11/25/69	Walters	57	153
Q	PC	3,488,714	01/06/70	Walters et al.	161	161
A	PD	3,615,972	10/26/71	Morehouse et al.	156	79
O	PE	5,078,994	01/07/92	Nair et al.	424	501
O	PF	4,138,383	02/06/79	Rembaum et al.	260	29.7H
P	PG	4,789,501	12/06/88	Day et al.	252	645
C	PH	3,960,583	06/01/76	Netting et al.	106	122

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
O	PI	0 368 486 A2	05/16/90	EP		
P	PJ	0 382 451 A2	08/16/90	EP		
O	PK	0 422 938 B1	04/17/91	EP		
O	PL	0 579 703 B1	01/26/94	EP		
D	PM	WO 95/09648	04/13/95	PCT		
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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>le</i>	PN	5,362,478	11/8/94	Desai et al.	424	9
<i>Q</i>	PO	5,281,408	1/25/94	Unger	424	4
<i>Q</i>	PP	5,456,900	10/10/95	Unger	424	9.4
<i>Q</i>	PQ	5,527,521	6/18/96	Unger	424	93
<i>P</i>	PR	5,547,656	8/20/96	Unger	424	9.4
<i>6</i>	PS	5,358,702	10/25/94	Unger	424	9
<i>le</i>	PT	4,985,550	1/15/91	Charpiot et al.	536	18.4
<i>C</i>	PU	5,498,421	3/12/96	Grinstaff et al.	424	450
<i>O</i>	PV	4,993,415	2/19/91	Long	128	653 A
<i>6</i>	PW	5,573,751	11/12/96	Quay	424	9.52
<i>5</i>	PX	5,606,973	03/04/97	Lambert et al.	128	662,02

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
<i>b</i>	PY	WO 95/27478	10/19/95	PCT		
<i>Q</i>	PZ	WO 96/25942	08/29/96	PCT		

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
Q	QA	5,558,094	09/24/96	Quay	128	662.02
Q	QB	5,558,853	09/24/96	Quay	424	9.5
Q	QC	5,558,854	09/24/96	Quay	424	9.52
Q	QD	5,558,855	09/24/96	Quay	424	9.5
Q	QE	5,595,723	01/21/97	Quay	424	9.5
Q	QF	5,585,112	12/17/96	Unger et al.	424	450
Q	QG	5,556,610	09/17/96	Yan et al.	424	9.52
Q	QH	5,578,292	11/25/96	Schneider et al.	424	9.51
Q	QI	4,933,121	06/12/90	Law et al.	264	4.3
Q	QJ	5,315,998	05/31/94	Tachibana et al.	128	660.01
Q	QK	5,620,689	04/15/97	Allen et al.	424	178.1
Q	QL	5,643,553	07/01/97	Schneider et al.	424	9.52

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
b	QM	5,502,094	03/26/96	Moore et al.	524	145
Q	QN	4,265,251	05/05/81	Tickner	128	660
Q	QO	5,354,549	10/11/94	Klaveness et al.	424	3
Q	QP	5,501,863	03/26/96	Rössling et al.	424	489
Q	QQ	5,542,935	08/06/96	Unger et al.	604	190
Q	QR	5,558,092	09/24/96	Unger et al.	128	660.03
C	QS	3,401,475	09/17/68	Morehouse et al.	40	306
Q	QT	3,647,784	03/07/72	Stein et al.	260	239.55 R
Q	QU	3,649,620	03/14/72	Ercoli et al.	260	239.55
Q	QV	4,863,965	09/05/89	Jansen et al.	514	576
Q	QW	5,205,290	04/27/93	Unger	128	653.4
Q	QX	5,234,680	08/10/93	Rogers, Jr. et al.	424	9

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	Translation NO

EXAMINER <i>H. M. Atroy</i>	DATE CONSIDERED <i>9/08</i>
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List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Evan C. Unger	
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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
Q	QY	5,312,617	05/17/94	Unger et al.	424	9
Q	QZ	5,466,467	11/14/95	Singh	424	450
O	RA	5,580,575	12/03/96	Unger et al.	424	450
Q	RB	5,502,094	03/26/96	Moore et al.	524	145
O	RC	4,265,251	05/05/81	Tickner	128	660
O	RD	5,354,549	10/11/94	Klaveness et al.	424	3
O	RE	5,501,863	03/26/96	Rössling et al.	424	489
O	RF	5,542,935	08/06/96	Unger et al.	604	190
Q	RG	5,558,092	09/24/96	Unger et al.	128	660.03
Q	RH	5,605,673	02/25/97	Schutt et al.	424	9.51
O	RI	5,626,833	05/06/97	Schutt et al.	424	9.52
O	RJ	5,639,443	06/17/97	Schutt et al.	424	9.52
Q	RK	5,605,673	02/25/97	Schutt et al.	424	9.51
Q	RL	5,626,833	05/06/97	Schutt et al.	424	9.52

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
EXAMINER	<i>W. M. R.</i>			DATE CONSIDERED	<i>1/10/03</i>	



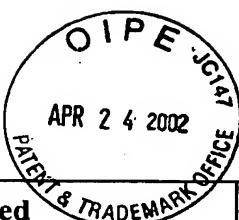
Form PTO-1449 Modified		Document No. UNGR-1629	Serial No. 10/046,801
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Evan C. Unger	
U.S. Department of Commerce Patent and Trademark Office		Filing Date January 15, 2002	Group Not Yet Assigned

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>rm</i>	RM	5,639,443	06/17/97	Schutt et al.	424	9.52
<i>rn</i>	RN	3,650,831	03/21/72	Jungermann et al.	134	27
<i>ro</i>	RO	3,968,203	07/06/76	Spitzer et al.	424	47
<i>rp</i>	RP	4,027,007	05/31/77	Messina	424	46
<i>rq</i>	RQ	4,342,826	08/03/82	Cole	435	7
<i>rr</i>	RR	5,004,611	04/02/91	Leigh	424	450
<i>rs</i>	RS	5,192,549	03/09/93	Barenolz et al.	424	450
<i>rt</i>	RT	5,276,146	01/04/94	Breillatt, Jr. et al.	530	413
<i>ru</i>	RU	4,078,052	03/07/78	Papahadjopoulos	424	36
<i>rv</i>	RV	4,871,488	10/03/89	Mannino et al.	264	4.6
<i>rw</i>	RW	5,498,601	03/12/96	Sato et al.	514	17
<i>rx</i>	RX	5,512,295	04/30/96	Kornberg et al.	424	450
<i>ry</i>	RY	5,552,155	09/03/96	Bailey et al.	424	450
<i>rz</i>	RZ	4,663,161	05/05/87	Mannino, et al.	424	89

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Examiner Initial		Document No.	Date	Country	Translation YES	Translation NO
EXAMINER	<i>Leibnitz</i>			DATE CONSIDERED	<i>7/03</i>	



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		Applicant Evan C. Unger	
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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>W</i>	SA	5,512,268	04/30/96	Grinstaff, et al.	424	322
<i>Q</i>	SB	5,567,415	10/22/96	Porter	424	9.52
<i>Q</i>	SC	5,846,517	12/08/98	Unger	424	9.52
<i>Q</i>	SD	5,849,727	12/15/98	Porter, et al.	514	156
<i>ll</i>	SE	5,840,707	11/98	Mannino, et al.	514	44
	SF	5,851,536	12/98	Yager, et al.	424	400

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
<i>Q</i>	SG	0 633 030 A1	01/11/95	EPO		
<i>W</i>	SH	WO 92/05806	04/16/92	PCT		

EXAMINER <i>W. H. R. H. L.</i>	DATE CONSIDERED <i>9/03</i>
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		Filing Date January 15, 2002	Group Not Yet Assigned

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>J</i>	SI	6,028,066	02/22/00	Unger	514	180
<i>S</i>	SJ	6,090,800	07/18/00	Unger, et al.	514	180
<i>U</i>	SK	6,120,751	09/19/00	Unger	424	9.51
<i>U</i>	SL	6,143,276	11/07/00	Unger	424	9.3

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation
					YES NO

EXAMINER *HARTLEY* DATE CONSIDERED *9/07*